



CITY OF HORSESHOE BAY PLUMBING INSTALLATION CHECKLIST FOR GRINDER SYSTEMS

The following list of requirements must be completed for all grinder systems. All requirements must be fulfilled, checked off and signed by a licensed plumber prior to the final inspection being performed. Failure to meet all the following requirements may result in a reinspection fee.

Service installation address: _____

1. _____ GRINDER TANK MUST BE INSTALLED OUTDOORS IN THE EXISTING TERRAIN WHERE APPLICABLE. IF DEPTH IS A PROBLEM, PLUMBER IS TO CONTACT THE CITY OFFICES AT 598-8741 OR LC MUD @ 598-5460. NO BASIN WILL BE ALLOWED TO BE INSTALLED UNDER ANY STRUCTURE OR SET ON TOP OF THE GROUND WITHOUT THE APPROVAL OF THE CITY.
2. _____ ALL BASINS WILL BE INSTALLED TO A DEPTH SO AS TO MAINTAIN A MINIMUM OF 3" ABOVE FINAL GRADE. IF THIS CANNOT BE DONE THEN AN EXTENSION CAN BE PURCHASED THROUGH THE CITY. ALL BASINS ARE TO BE CONCRETED AROUND BOTTOM OF BASIN WITH A MINIMUM OF 240 POUNDS OF CONCRETE.
3. _____ VENTING OF THE BASINS IS NO LONGER REQUIRED PROVIDED THAT PROPER VENTILATION OF THE HOUSE HAS BEEN DONE. A TWO WAY CLEAN OUT IS REQUIRED ON ALL RESIDENTIAL & COMMERCIAL INSTALLATIONS PRIOR TO GRINDER BASIN.
4. _____ DISCHARGE LINES SHALL BE 1-1/2" IN DIAMETER AND BE OF SCHEDULE 40 PIPE. THE DISCHARGE LINE LEAVING THE BASIN SHALL HAVE A MINIMUM DEPTH OF 6" OF BACKFILL AT THE FIRST 45-DEGREE BEND. THE BALANCE OF THE LINE SHALL MAINTAIN A DEPTH OF 12" TO THE SEWER TAP. ALL DISCHARGE LINES THAT MUST GO UNDER A DRIVEWAY OR OTHER BARRIER MUST BE SLEEVED WITH A PIPE OF NO LESS THAN 2 TIMES THE DIAMETER OF THE DISCHARGE PIPE.
5. _____ ALL DISCHARGE LINES MUST HAVE A MINIMUM OF 3" OF SAND OR GRANITE GRAVEL, NO ROCKS, OVER AND UNDER THE DISCHARGE LINE.
6. _____ INSIDE PLUMBING WILL BE INSTALLED IN THE FOLLOWING MANNER: 1-1/2" HUB---REDUCING BUSHING---3" NIPPLE---BALL VALVE---CLOSE NIPPLE---CHECK VALVE---CLOSE NIPPLE---CLOSE NIPPLE---TEE---PLUG---STAND PIPE---PUMP, EXCEPT FOR GATOR SYSTEMS WHICH HAVE THE PREPACKED FITTINGS. THE CITY OF HORSESHOE BAY WILL ALSO PROVIDE A COMP COUPLING, TOE NIPPLE, AND RED BUSHING FOR THE GATOR SYSTEMS,
7. _____ ALL HUBS AND RUBBER BOOTS USED FOR PIPE INSTALLATION MUST BE SEALED FOR WATER TIGHT PROTECTION.
8. _____ THE DISCHARGE LINE FROM THE HOUSE TO THE BASIN MUST NOT BE INSTALLED ANY LOWER THAN 24" FROM THE TOP OF THE INLET PIPE TO THE BOTTOM OF THE BASIN.
9. _____ THE CITY INSPECTOR OR THE FIELD OPERATIONS SUPERVISOR **MUST APPROVE** ANY VARIATIONS FROM THE ABOVE REQUIREMENTS
10. _____ THERE MUST BE A WORKING OUTSIDE HOSE BIB NO FUTHER THAN 25' AT EACH RESIDENCE TO PROVIDE THE DISTRICT A MEANS OF FILLING THE BASIN FOR FINAL INSPECTION AND FOR FUTURE CLEANING WHEN NEEDED.
11. _____ BEFORE A FINAL INSPECTION IS CALLED FOR BY THE CONTRACTOR, IT IS IMPERATIVE THAT POWER BE SUPPLIED TO THE ELECTRICAL DISCONNECT. IF CITY PERSONNEL ARRIVE TO DO A FINAL INSPECTION AND POWER HAS NOT BEEN SUPPLIED, OR OTHER CRITERIA NOT MET, THE CONTRACTOR WILL BE CHARGED A REINSPECTION FEE BY THE CITY AND A FINAL WILL NOT BE GIVEN UNTIL SAID FEES ARE PAID.
12. _____ ONCE THE ABOVE GUIDELINES HAVE BEEN MET AND CHECKED OFF BY THE PLUMBING CONTRACTOR, THIS FORM MUST BE SIGNED AND RETURNED TO THE CITY OFFICES OR FAX TO 830-598-2977.

SIGNED THIS DAY BY _____

DATE _____

COMPANY NAME _____

PHONE NUMBER _____